



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:  
Abdeslam Bouti

Serial No. 09/822,537

Filed: 03/30/2001

For: Melt Flow Mixer in an  
Injection Molding System

Examiner: Emmanuel S. Luk

Art Unit: 1722

7/2/02  
KAW  
12/19/02

RESPONSE TO OFFICE ACTION

Honorable Commissioner for Patents  
Washington, D.C. 20231

Sir:

Responsive to the office action dated, 10/02/2002 in the above entitled application,  
please enter the following amendments:

IN THE SPECIFICATION:

Please ~~delete~~ paragraphs numbered 14-21 and 23. Please ~~replace~~ paragraph 22  
with the following paragraph.

[0022] A mixer is located in a melt channel of an injection molding system, preferably around a valve stem or other flow obstruction where the melt navigates a change in flow direction and flows around the obstruction. The mixer has an inlet communicating with the melt channel, and an exit approximately perpendicular to the inlet. One preferred embodiment comprises a cylindrically tapered insert with a helical or spiral groove